



ATTORNEY DOCKET NO. 13172.0015U1
 APPLICATION NO. 10/072,666
 SHEET 1 OF 17

INFORMATION DISCLOSURE STATEMENT
 LIST

(Use as many sheets as necessary)

Complete if Known	
Application Number	10/072,666
Filing Date	February 8, 2002
First Named Inventor	Kumar, G.
Group Art Unit	1637
Examiner Name	Chunduru, S.

U.S. PATENT DOCUMENTS

Examiner's Initials	Cite No.	Document No.	Date	Name	Class	Subclass	Filing Date (if appropriate)
/SC/	F1	2,264,423	08/29/39	Wingenroth			
	F2	3,921,105	11/75	Brgetz			
	F3	3,983,421	09/76	Yogore			
	F4	4,469,863	09/04/84	Ts'o			
	F5	4,476,301	10/09/84	Imbach et al.			
	F6	4,748,111	05/31/88	Dattagupat et al.			
	F7	4,845,205	07/04/89	Huynh Dinh et al.			
	F8	4,883,750	11/28/89	Whiteley et al.			
	F9	4,965,188	10/23/90	Walker et al.			
	F10	4,965,188	10/23/90	Mullis et al.			
	F11	4,981,957	01/01/91	Lebleu et al.			
	F12	4,984,957	01/15/91	Noguchi et al.			
	F13	4,994,373	02/19/91	Stavrianopoulos et al.			
	F14	5,023,243	06/11/91	Tullis			
	F15	5,034,506	07/23/91	Summerton et al.			
	F16	5,043,272	08/27/91	Hartley			
	F17	5,118,800	06/02/92	Smith et al.			
	F18	5,130,238	07/14/92	Malek et al.			
	F19	5,130,302	07/14/92	Spielvogel et al.			
	F20	5,134,066	07/28/92	Rogers et al.			
	F21	5,166,315	11/24/92	Summerton et al.			
	F22	5,175,273	12/29/92	Bischofberger et al.			
	F23	5,177,196	01/05/93	Meyer Jr., et al.			
	F24	5,185,444	02/09/93	Summerton et al.			
	F25	5,188,897	02/23/93	Suhadolnik et al.			
	F26	5,214,134	05/25/93	Weis et al.			
	F27	5,216,141	06/01/93	Benner			
	F28	5,235,033	08/10/93	Summerton et al.			
	F29	5,242,794	09/07/93	Normal et al.			
	F30	5,264,423	11/23/93	Cohen et al.			
	F31	5,264,562	11/23/93	Matteucci			
	F32	5,264,564	11/23/93	Matteucci			
	F33	5,264,567	11/23/93	Numata et al.			
	F34	5,273,638	12/28/93	Konrad et al.			
	F35	5,276,019	01/04/94	Cohen et al.			
	F36	5,278,302	01/11/94	Caruthers et al.			
	F37	5,286,717	02/15/94	Cohen et al.			
/SC/	F38	5,319,080	06/07/94	Leumann			

Examiner Signature: /Suryaprabha Chunduru/ Date Considered: 07/05/2007

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

ATTORNEY DOCKET NO. 13172.0015U1
 APPLICATION NO. 10/072,666
 SHEET 2 OF 17

INFORMATION DISCLOSURE STATEMENT LIST				Complete if Known		
(Use as many sheets as necessary)				Application Number	10/072,666	
/SC/	F39	5,321,131	06/14/94	Agrawal et al.		
	F40	5,328,824	07/12/94	Ward et al.		
	F41	5,354,668	10/11/94	Auerbach		
	F42	5,359,044	10/25/94	Cook et al.		
	F43	5,367,066	11/22/94	Urdea et al.		
	F44	5,367,069	11/22/94	Beck et al.		
	F45	5,393,878	02/28/95	Leumann		
	F46	5,399,676	03/21/95	Froehler		
	F47	5,405,938	04/11/95	Summerton et al.		
	F48	5,405,939	04/11/95	Suhadolnik et al.		
	F49	5,409,818	04/25/95	Davey et al.		
	F50	5,412,087	05/02/95	McGall et al.		
	F51	5,427,930	06/27/95	Birkenmeyer et al.		
	F52	5,429,807	07/04/95	Matson et al.		
	F53	5,432,272	07/11/95	Benner		
	F54	5,434,257	07/18/95	Matteuci et al.		
	F55	5,443,986	08/22/95	Haughland		
	F56	5,446,137	08/29/95	Maag et al.		
	F57	5,451,067	09/19/95	Pieper		
	F58	5,451,203	09/19/95	Lamb		
	F59	5,453,496	09/26/95	Caruthers et al.		
	F60	5,455,166	10/03/95	Walker		
	F61	5,455,233	10/03/95	Spielvogel et al.		
	F62	5,457,187	10/10/95	Gmeiner et al.		
	F63	5,459,255	10/17/95	Cook et al.		
	F64	5,466,677	11/14/95	Baxter et al.		
	F65	5,466,786	11/14/95	Buhr et al.		
	F66	5,470,967	11/28/95	Huie et al.		
	F67	5,476,427	12/19/95	Fujima		
	F68	5,476,925	12/19/95	Letsinger et al.		
	F69	5,484,908	01/16/96	Froehler et al.		
	F70	5,489,677	02/06/96	Sanghvi et al.		
	F71	5,502,177	03/26/96	Matteucci et al.		
	F72	5,510,270	04/23/96	Fodor et al.		
	F73	5,514,785	05/07/96	Van Ness et al.		
	F74	5,516,134	05/14/96	Crawford et al.		
	F75	5,516,663	05/96	Backman et al.		
	F76	5,519,126	05/21/96	Hecht		
	F77	5,519,134	05/21/96	Acevedo et al.		
	F78	5,521,065	05/28/96	Whiteley et al.		

Examiner Signature: /Suryapraba Chunduru/	Date Considered: 07/05/2007
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

INFORMATION DISCLOSURE STATEMENT LIST (Use as many sheets as necessary)				Complete if Known
/SC/				Application Number
	F79	5,523,204	06/04/96	Singer et al.
	F80	5,525,711	06/11/96	Hawkins et al.
	F81	5,536,821	07/16/96	Agrawal et al.
	F82	5,538,871	07/23/96	Nuovo et al.
	F83	5,541,306	07/30/96	Agrawal et al.
	F84	5,541,307	07/30/96	Cook et al.
	F85	5,547,843	08/20/96	Studier et al.
	F86	5,550,111	08/27/96	Suhadolnik et al.
	F87	5,552,540	09/03/96	Haralambidis
	F88	5,556,772	09/96	Sorge et al.
	F89	5,561,225	10/01/96	Maddry et al.
	F90	5,563,253	10/08/96	Agrawal et al.
	F91	5,563,912	10/08/96	Yasunga et al.
	F92	5,567,811	10/22/96	Misiura et al.
	F93	5,571,799	11/05/96	Tkachuk et al.
	F94	5,576,427	11/19/96	Cook et al.
	F95	5,587,361	12/24/96	Cook et al.
	F96	5,587,469	12/24/96	Cook et al.
	F97	5,591,609	01/07/97	Auerbach
	F98	5,591,722	01/07/97	Montgomery et al.
	F99	5,594,121	01/14/97	Froehler et al.
	F100	5,596,086	01/21/97	Matteucci et al.
	F101	5,596,091	01/21/97	Switzer et al.
	F102	5,597,909	01/28/97	Urdea et al.
	F103	5,599,921 A	02/97	Sorge et al.
	F104	5,602,240	02/11/97	De Mesmaeker et al.
	F105	5,608,046	03/04/97	Cook et al.
	F106	5,610,289	03/11/97	Cook et al.
	F107	5,610,300	03/11/97	Altmann et al.
	F108	5,614,389	03/25/97	Auerbach
	F109	5,614,390	03/25/97	McCaslin et al.
	F110	5,614,617	03/25/97	Cook et al.
	F111	5,618,704	04/08/97	Sanghui et al.
	F112	5,623,070	04/22/97	Cook et al.
	F113	5,625,050	04/29/97	Beaton et al.
	F114	5,627,053	05/06/97	Usman et al.
	F115	5,629,158	04/13/97	Uhlen
	F116	5,629,179	05/13/97	Mierendorf et al.
	F117	5,633,360	05/27/97	Bischofberger et al.
/SC/	F118	5,639,873	06/17/97	Barascut et al.

Examiner Signature: /Suryaprabha Chunduru/ Date Considered: 07/05/2007

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

ATTORNEY DOCKET NO. 13172.0015U1
 APPLICATION NO. 10/072,666
 SHEET 4 OF 17

INFORMATION DISCLOSURE STATEMENT LIST (Use as many sheets as necessary)				Complete If Known			
				Application Number		10/072,666	
				Filing Date		February 8, 2002	
				First Named Inventor		Kumar, G.	
				Group Art Unit		1637	
				Examiner Name		Chunduru, S.	
/SC/	F119	5,646,265	07/08/97	McGee			
	F120	5,658,873	08/19/97	Bentsch-Frank et al.			
	F121	5,663,312	09/02/97	Chaturvedula			
	F122	5,670,633	09/23/97	Cook et al.			
	F123	5,677,437	10/14/97	Teng et al.			
	F124	5,677,439	10/14/97	Wies et al.			
	F125	5,681,941	10/28/97	Cook et al.			
	F126	5,700,920	12/23/97	Altmann et al.			
	F127	5,710,028	01/98	Eyal et al.			
	F128	5,714,320	02/03/98	Kool			
	F129	5,728,526	03/98	George et al.			
	F130	5,733,733	03/31/98	Auerbach			
	F131	5,766,891	06/98	Shuman			
	F132	5,795,714	08/18/98	Cantor et al.			
	F133	5,821,084	10/13/98	Olmsted et al.			
	F134	5,854,053	12/09/98	Donovan, et al.			
	F135	5,866,329,	02/02/99	Demetriou et al.			
	F136	5,871,921	02/16/99	Landgren et al.			
	F137	5,874,260	02/23/99	Cleuziat et al.			
	F138	5,909,132	06/99	Trofimenkoff et al.			
	F139	5,925,517	07/20/99	Tyagi et al.			
	F140	5,942,391	08/24/99	Zhang et al.			
	F141	5,985,639	11/99	Christianson et al.			
	F142	6,008,373	12/99	Waggoner et al.			
	F143	6,017,703	01/25/00	Kinders et al.			
	F144	6,037,130	03/14/00	Tyagi et al.			
	F145	6,054,274	04/00	Sampson et al.			
	F146	6,057,105	05/02/00	Hoon et al.			
	F147	6,077,668	6/20/00	Kool			
	F148	6,077,674	06/00	Schleifer et al.			
	F149	6,124,120	09/26/00	Lizardi			
	F150	6,132,728	10/17/00	Beachy et al.			
	F151	6,203,984	03/20/01	Hu et al.			
	F152	6,214,587	04/10/01	Dattagupta et al.			
	F153	6,235,502	05/01	Weissman et al.			
	F154	6,248,535	06/19/01	Dandenberg et al.			
	F155	6,274,320	08/01	Rothberg et al.			
	F156	6,280,949	08/28/01	Lizardi			
✓/SC/	F157	6,287,768	09/11/01	Chenchik et al.			
	F158	6,287,776	09/11/01	Hefti			

Examiner Signature:	/Suryaprabha Chunduru/	Date Considered:	07/05/2007
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.			

ATTORNEY DOCKET NO. 13172.0015U1
 APPLICATION NO. 10/072,666
 SHEET 5 OF 17

INFORMATION DISCLOSURE STATEMENT LIST				Complete if Known
(Use as many sheets as necessary)				Application Number
/SC/	F159	6,287,824	09/11/01	Lizardi
	F160	6,288,220	09/11/01	Kambara et al.
	F161	6,291,193	09/18/01	Khodadoust
	F162	6,297,006	10/02/01	Drmanac et al.
	F163	6,312,902	11/06/01	Shultz et al.
	F164	6,316,229	11/13/01	Lizardi et al.
	F165	6,355,431	03/02	Chee et al.
	F166	6,365,729 B1	04/02	Tyagi et al.
	F167	6,368,801	04/09/02	Faruqi
	F168	6,403,319	06/02	Lizardi et al.
	F169	6,440,707	08/27/02	Kwok et al.
	F170	6,458,544	10/01/02	Miller
	F171	6,472,185	10/29/02	McCasky Feazel et al.
	F172	6,475,736	11/02	Stanton
	F173	6,479,242	11/12/02	Guo et al.
	F174	6,479,244	11/12/02	Belouchi et al.
	F175	6,498,023	12/24/02	Abarzua
	F176	6,531,283	03/11/03	Kingsmore et al.
	F177	6,573,051	06/03/03	Alsmadi et al.
	F178	6,617,137	09/09/03	Dean et al.
	F179	6,632,609	10/14/03	Lizardi
	F180	6,635,425	10/21/03	Bandaru et al.
	F181	6,670,126	12/30/03	Kingsmore et al.
	F182	6,686,157	02/03/04	Ward et al.
	F183	6,703,228	03/04	Landers et al.
	F184	6,703,885	02/04	Fan et al.
	F185	6,713,257	03/04	Shoemaker et al.
	F186	6,777,183	08/17/04	Abarzua
	F187	6,797,474	09/28/04	Lizardi
	F188	6,811,986	11/02/04	Bandaru et al.
	F189	6,830,884	12/14/04	Hafner et al.
	F190	6,861,222	03/01/05	Ward et al.
	F191	6,921,642	07/26/05	Kingsmore et al.
	F192	6,977,153	12/20/05	Kumar et al.
	F193	7,041,480	05/09/06	Abarzua
	F194	2001/0041340	11/15/01	Kingsmore et al.
	F195	2002/0009716	01/24/02	Abarzua
	F196	2002/0119465	08/16/02	Zhao et al.
	F197	2002/0120409	08/02	Cao et al.
	F198	2002/0192649	12/19/02	Lizardi

Examiner Signature: /Suryaprabha Chunduru/	Date Considered: 07/05/2007
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

ATTORNEY DOCKET NO. 13172.0015U1
 APPLICATION NO. 10/072,666
 SHEET 6 OF 17

INFORMATION DISCLOSURE STATEMENT LIST (Use as many sheets as necessary)					Complete if Known	
					Application Number	10/072,666
					Filing Date	February 8, 2002
					First Named Inventor	Kumar, G.
					Group Art Unit	1637
					Examiner Name	Chunduru, S.

/SC/	F199	2002/0192658	12/19/02	Ward et al.			
	F200	2002/0197694	12/02	Shao			
	F201	2003/0008313	01/09/03	Whitshire			
	F202	2003/0022167	01/30/03	Alsmadi et al.			
	F203	2003/0032024	02/13/03	Lizardi			
	F204	2003/0044794	03/06/03	Bandaru et al.			
	F205	2003/0108902	06/12/03	Abarzua			
	F206	2003/0143613	07/31/03	Kingsmore et al.			
	F207	2003/0152932	08/14/03	Kumar et al.			
	F208	2003/0165948	09/04/03	Alsmadi et al.			
	F209	2003/0175788	09/18/03	Alsmadi et al.			
	F210	2003/0207267	11/06/03	Lasken et al.			
	F211	2003/0207323	11/06/03	Bandaru et al.			
	F212	2003/0235849	12/25/03	Lizardi			
	F213	2004/0091857	05/13/04	Nallur et al.			
	F214	2004/0121338	06/24/04	Alsmadi et al.			
	F215	2004/0126770	07/01/04	Kumar et al.			
	F216	2004/0191784	09/30/04	Abarzua et al.			
	F217	2004/0248103	12/09/04	Feaver et al.			
	F218	2004/0265897	12/30/04	Lizardi			
	F219	2005/0079523	04/14/05	Hafner et al.			
/SC/	F220	2006/0166227	07/27/06	Kingsmore et al.			
/SC/	F221	2006/0188892	08/24/06	Kumar et al.			

FOREIGN PATENT DOCUMENTS

Examiner's Initials	Cite No.	Foreign Patent Document Country Code-Number-Kind Code	Date	Name	Translation Yes/No
/SC/	F222	AU 649066	05/12/94	Syngene, Inc.	
	F223	AU 714486	04/20/00	Yale University	
	F224	EP 0 128 332	12/19/84	Enzo Biochem Inc.	
	F225	EP 0 356 021	02/28/90	Imperial Chemical Ind., PLC	
	F226	EP 0 379 369	07/25/90	Syntex Inc.	
	F227	EP 0 439 182	07/31/91	Abbott Laboratories	
	F228	EP 0 466 520	01/15/92	Life Technologies, Inc.	
	F229	EP 0 505 012	09/23/92	F. Hoffman-La Rouche AG	
	F230	EP 0 667 393	08/16/95	Enzo Biochem Inc.	
	F231	EP 0 678 582	10/25/95	Becton Dickinson and Co.	
	F232	EP 0 756 009 A2	01/29/97	Sato et al.	
	F233	GB 2,332,516	06/23/99	Hewlett-Packard Co.	
	F234	JP 4262799	09/18/92	Toyobo Co. Ltd	Yes
/SC/	F235	JP 4304900	10/28/92	Toyobo Co. Ltd	Abstract Only

Examiner Signature: /Suryaprabha Chunduru/ Date Considered: 07/05/2007

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

ATTORNEY DOCKET NO. 13172.0015U1
 APPLICATION NO. 10/072,666
 SHEET 7 OF 17

INFORMATION DISCLOSURE STATEMENT LIST (Use as many sheets as necessary)				Complete if Known			
				Application Number		10/072,666	
				Filing Date		February 8, 2002	
				First Named Inventor		Kumar, G.	
				Group Art Unit		1637	
				Examiner Name		Chunduru, S.	
/SC/	F236	JP 5146299	06/15/93	Toyobo Company, Ltd			
	F237	WO 91/08307	06/13/91	Microprobe Corp.			
	F238	WO 92/01813	02/06/92	Syngene, Inc.			
	F239	WO 94/16108	07/21/94	The Public Health Research Institute of the City of New York, Inc.			
	F240	WO 94/24312	10/27/94	Beckman Instruments, Inc.			
	F241	WO 95/03430	02/02/95	Gen-Probe Inc.			
	F242	WO 95/03432	02/02/95	Bio Rad Laboratories, Inc.			
	F243	WO 95/22623	08/24/95	Ulf Landegren			
	F244	WO 95/25180	09/21/95	Gen-Probe Inc.			
	F245	WO 95/35390	12/28/95	Mount Sinai School of Medicine of the City University of New York			
	F246	WO 96/33207	10/24/96	Glaxo Group Limited			
	F247	WO 97/20948	06/12/97	Koch			
	F248	WO 97/42346	11/13/97	Tepnel Medical Ltd.			
	F249	WO 98/04746	02/05/98	Mount Sinai School of Medicine of the City University of New York			
	F250	WO 99/18241	04/15/99	Yale University			
	F251	WO 2000/004193	01/27/00	Yale University			
	F252	WO 2000/015779	03/23/00	Yale University			
	F253	WO 2000/036141	06/22/00	Diatech PTY, LTD.			
	F254	WO 2001/040516	06/07/01	Molecular Staging, Inc.			
	F255	WO 2001/061037	08/23/01	Fredriksson et al.			
	F256	WO 2001/064952	09/07/01	Molecular Staging, Inc.			
	F257	WO 2001/077390	10/18/01	Molecular Staging, Inc.			
	F258	WO 2001/079420	10/25/01	Molecular Staging, Inc.			
	F259	WO 2001/088190	11/22/01	Molecular Staging, Inc.			
	F260	WO 2001/097616	12/27/01	Molecular Staging, Inc.			
	F261	WO 2002/000934	01/03/02	Molecular Staging, Inc.			
	F262	WO 2002/002792	01/10/02	Molecular Staging, Inc.			
	F263	WO 2002/053780	07/11/02	Molecular Staging, Inc.			
	F264	WO 2002/077256	10/03/02	Molecular Staging, Inc.			
	F265	WO 2002/103058	12/27/02	Molecular Staging, Inc.			
/S/	F266	WO 2003/008538	01/30/03	Molecular Staging, Inc.			
/S/	F267	WO 2004/061119	07/22/04	Qiagen GMBH			
NON-PATENT DOCUMENTS							
Examiner's Initials	Cite No.	Non-Patent Citations (Include Author, Title, Publisher, Relevant Pages, Date and Place of Publication)					
	F268	Abravaya et al. Detection of point mutations with a modified ligase chain reaction (Gap-LCR). <i>Nucleic Acids Res.</i> 23(4):675-682 (1995)					

Examiner Signature: /Suryaprabha Chunduru/	Date Considered: 07/05/2007
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

INFORMATION DISCLOSURE STATEMENT LIST			Complete if Known
(Use as many sheets as necessary)			Application Number
/SC/	F269	Alves et al. Dot blot detection of point mutations with adjacently hybridising synthetic oligonucleotide probes. <i>Nucleic Acids Res.</i> 16(17):8723 (1988)	10/072,666
	F270	Arnold et al. Assay formats involving acridinium-ester-labeled DNA probes. <i>Clin Chem.</i> 35(8):1588-1594 (1989)	Filing Date
	F271	Ausubel et al. <i>Current Protocols in Molecular Biology</i> . John Wiley & Sons. 1:1.6.1-1.6.6 (1988)	First Named Inventor
	F272	Barany. Genetic disease detection and DNA amplification using cloned thermostable ligase. <i>Proc Natl Acad Sci USA.</i> 88:189-193 (1991)	Group Art Unit
	F273	Barbato et al. Solid Phase Syntheses of Cyclic Oligodeoxyribonucleotides. <i>Tetrahedron Letters.</i> 28(46):5727-2728 (1987)	Examiner Name
	F274	Bertina et al. Mutation in blood coagulation factor V associated with resistance to activated protein C. <i>Nature.</i> 369:64-67 (1994)	Chunduru, S.
	F275	Birkenmeyer et al. DNA probe amplification methods. <i>Journal of Virological Methods.</i> 35:117-126 (1991)	
	F276	Blanco et al. Characterization and purification of a phage Φ 29-encoded DNA polymerase required for the initiation of replication. <i>Proc Natl Acad Sci USA.</i> 81:5325-5329 (1984)	
	F277	Blanco et al. Highly efficient DNA synthesis by the phage Φ 29 DNA polymerase. <i>Journal of Biological Chemistry.</i> 264(15):8935-8940 (1989)	
	F278	Blanco et al. Terminal protein-primed DNA amplification. <i>Proc Natl Acad Sci USA.</i> 91:12198-12202 (1994)	
	F279	Bonnet et al. Thermodynamic basis of the enhanced specificity of structured DNA probes. <i>Proc Natl Acad Sci USA.</i> 96(11):6171-6176 (1999)	
	F280	Broude et al. Enhanced DNA sequencing by hybridization. <i>Proc Natl Acad Sci USA.</i> 91:3072-3076 (1994)	
	F281	Bryant et al. Phosphorothioate substrates for T4 RNA ligase. <i>Biochemistry.</i> 21(23):5877-5885 (1982)	
	F282	Burgess et al. A new photolabile protecting group for nucleotides. <i>Abstracts of Papers, Part 2; 211th ACS National Meeting, American Chemical Society.</i> New Orleans, LA, March 24-28, 1996	
	F283	Butler et al. Bacteriophage SP6-specific RNA polymerase. <i>Journal of Biological Chemistry.</i> 257(10):5772-5778 (1982)	
	F284	Capobianco et al. One pot solution synthesis of cyclic oligodeoxyribonucleotides. <i>Nucleic Acids Research.</i> 18(9):2661-2669 (1990)	
	F285	Chetverina et al. Cloning of RNA molecules in vitro. <i>Nucleic Acids Research.</i> 21(10):2349-2353 (1993)	
	F286	Christian et al. Detection of DNA point mutations and mRNA expression levels by rolling circle amplification in individual cells. <i>Proc Natl Acad Sci U S A.</i> 98(25):14238-14243. Epub 2001 Nov 27 (2001 Dec 4)	
	F287	Colantuoni et al., Gene expression profiling in postmortem Rett Syndrome brain: differential gene expression and patient classification. <i>Neurobiol. Dis.</i> 8(5):847-865 (2001)	
↓	F288	Colantuoni et al., High throughput analysis of gene expression in the human brain. <i>J. Neurosci. Res.</i> 59(1):1-10 (2000)	
/SC/	F289	Craxton et al. Linear Amplification Sequencing, a Powerful Method for Sequencing DNA. <i>Meth. Compan. Meth. Enzymol.</i> 3(1):20-26 (August 1991)	
Examiner Signature: /Suryaprabha Chunduru/		Date Considered:	07/05/2007
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.			

INFORMATION DISCLOSURE STATEMENT LIST			Complete if Known
(Use as many sheets as necessary)			
			Application Number 10/072,666
			Filing Date February 8, 2002
			First Named Inventor Kumar, G.
			Group Art Unit 1637
			Examiner Name Chunduru, S.
/SC/	F290	Crooke et al. Pharmacokinetic properties of several novel oligonucleotide analogs in mice. <i>J Pharmacol Exp Ther.</i> 277(2):923-937 (1996)	
	F291	Cummins et al. Biochemical and physicochemical properties of phosphorodithioate DNA. <i>Biochemistry.</i> 35(26):8734-8741 (1996)	
	F292	Daubendiek et al. Generation of catalytic RNAs by rolling transcription of synthetic DNA nanocircles. <i>Nature Biotechnology.</i> 15(3):273-277 (1997)	
	F293	Daubendiek et al. Rolling-circle RNA synthesis: circular oligonucleotides as efficient substrates for T7 RNA polymerase. <i>J Am Chem Soc.</i> 117:7818-7819 (1995)	
	F294	Davanloo et al. Cloning and expression of the gene for bacteriophage T7 RNA polymerase. <i>Proc Natl Acad Sci USA.</i> 81:2035-2039 (1984)	
	F295	de Vroom et al. Syntheses of cyclic oligonucleotides by a modified phosphotriester approach. <i>Nucleic Acids Research.</i> 16(10):4607-4620 (1988)	
	F296	Dean et al. Rapid Amplification of Plasmid and Phage DNA Using Phi29 DNA Polymerase and Multiply-Primed Rolling Circle Amplification. <i>Genome Res.</i> 11:1095-1099 (2001)	
	F297	Diegelman et al. Generation of circular RNAs and trans-cleaving catalytic RNAs by rolling transcription of circular DNA oligonucleotides encoding hairpin ribozymes. <i>Nucleic Acids Res.</i> 26(13):3235-3241 (1998)	
	F298	Doherty et al. Structural and mechanistic conservation in DNA ligases. Survey and Summary. <i>Nucleic Acids Res.</i> 28(21):4051-4058 (2000)	
	F299	Dolinina et al. Oligonucleotide circularization by template-directed chemical ligation. <i>Nucleic Acids Res.</i> 21(23):5403-5407 (1993)	
	F300	DYNAL Technical Handbook. 2 nd Edition. Biomagnetic Techniques in Molecular Biology. 1. Solid-phase DNA sequencing. 9-34. (DYNAL A.S., 1995)	
	F301	Eckstein et al. Phosphorothioates in molecular biology. <i>Trends in Bioch Sci.</i> 14:97-100 (1989)	
	F302	Erie et al. Melting Behavior of a Covalently Closed, Single-Stranded, Circular DNA. <i>Biochemistry.</i> 28:268-273. (1989)	
	F303	Faruqi et al. High-throughput genotyping of single nucleotide polymorphisms with rolling circle amplification. <i>BMC Genomics</i> 2(4) (2001)	
	F304	Gait. Oligonucleotides. <i>Antisense Research and Applications.</i> (Crooke et al, eds., CRC Press) Chapter 16; pp. 289-301 (1993)	
	F305	Gasparro et al. Site-specific targeting of psoralen photoadducts with a triple helix-forming oligonucleotide: characterization of psoralen monoadduct and crosslink formation. <i>Nucleic Acids Research.</i> 22(14):2845-2852 (1994)	
	F306	Gerdes et al. Dynamic changes in the higher-level chromatin organization of specific sequences revealed by <i>in situ</i> hybridization in nuclear halos. <i>J Cell Biol.</i> 126(2):289-304 (1994)	
	F307	Gryaznov et al. Template controlled coupling and recombination of oligonucleotide blocks containing thiophosphoryl groups. <i>Nucleic Acids Res.</i> 21(6):1403-1408 (1993)	
	F308	Guatelli et al. Isothermal, <i>in vitro</i> amplification of nucleic acids by a multienzyme reaction molded after retroviral replication. <i>Proc. Natl. Acad. Sci. USA</i> 87:1874- 1878 (1990)	
/SC/	F309	Gunji et al. Correlation between the serum level of hepatitis C virus RNA and disease activities in acute and chronic hepatitis C. <i>Int J Cancer.</i> 52(5):726-730 (1992)	

Examiner Signature: /Suryaprabha Chunduru/ Date Considered: 07/05/2007

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE STATEMENT LIST (Use as many sheets as necessary)		Complete If Known	
		Application Number	10/072,666
		Filing Date	February 8, 2002
		First Named Inventor	Kumar, G.
		Group Art Unit	1637
		Examiner Name	Chunduru, S.
/SCI/	F310	Guo et al. Enhanced discrimination of single nucleotide polymorphisms by artificial mismatch hybridization. <i>Nature Biotechnology</i> . 15:331-335 (1997)	
	F311	Gupta et al. Expression of HIV-1 RNA in plasma correlates with the development of AIDS: a multicenter AIDS cohort study (MACS). <i>Ninth International Conference on AIDS/Fourth STD World Congress</i> . June 6-11, 1993, Berlin, Germany	
	F312	Hacia et al. Detection of heterozygous mutations in BRCA1 using high density oligonucleotide arrays and two-color fluorescence analysis. <i>Nature Genetics</i> . 14:441-447 (1996)	
	F313	Haff et al. Single-nucleotide polymorphism identification assays using a thermostable DNA polymerase and delayed extraction MALDI-TOF mass spectrometry. <i>Genome Res.</i> 7(4):378-388 (1997)	
	F314	Hagiwara et al. Quantitation of hepatitis C virus RNA in serum of asymptomatic blood donors and patients with type C chronic liver disease. <i>Hepatology</i> . 17(4):545-550 (1993)	
	F315	Hall et al. Sensitive detection of DNA polymorphisms by the serial invasive signal amplification reaction. <i>Proc. Natl. Acad. Sci. USA</i> 97. (15):8272-8277 (July 2000)	
	F316	Hanvey et al. Antisense and antigene properties of peptide nucleic acids. <i>Science</i> . 258:1481-1485 (1992)	
	F317	Hata et al. Structure of the human ornithine transcarbamylase gene. <i>J Biochem</i> . 103:302-308 (1988)	
	F318	Heinonen et al. Simple triple-label detection of seven cystic fibrosis mutations by time-resolved fluorometry. <i>Clin Chem</i> . 43(7):1142-1150 (1997)	
	F319	Hermanson et al., eds. <i>Immobilized Affinity Ligands</i> . (Academic Press, NY, 1992)	
	F320	Hoeltke et al. Multiple nucleic acid labeling and rainbow detection. <i>Anal Biochem</i> . 207:24-31 (1992)	
	F321	Holland et al., Detection of Specific Polymerase Chain Reaction Product by Utilizing the 5' → 3' Exonuclease Activity of <i>Thermus aquaticus</i> DNA Polymerase. <i>Proc. Natl. Acad. Sci. USA</i> 88:7276-7280 (August 1991)	
	F322	Holloway et al. An exonuclease-amplification coupled capture technique improves detection of PCR product. <i>Nucleic Acids Research</i> . 21(16):3905-3906 (1993)	
	F323	Hsuih et al. Quantitative detection of HCV RNA using novel ligation-dependent polymerase chain reaction (LD-PCR). <i>American Association for the Study of Liver Diseases</i> . (Chicago, IL, November 3-7, 1995) [poster abstract]	
	F324	Ishikawa et al. Sequence-based typing of HLA-A2 alleles using a primer with an extra base mismatch. <i>Hum Immunol</i> . 42(4):315-318 (1995)	
	F325	James et al. Surprising fidelity of template-directed chemical ligation of oligonucleotides. <i>Chemistry & Biology</i> . 4:595-605 (1997)	
	F326	Jiang et al. An efficient method for generation and subcloning of tandemly repeated DNA sequences with defined length, orientation and spacing. <i>Nucl. Acids Res.</i> 24(16):3278-3279 (1996)	
	F327	Johnstone et al. <i>Immunochemistry in Practice</i> . (Blackwell Scientific Publications, Oxford, England, 1987) pp. 209-216 and 241-242	
	F328	Jonsson et al. Sequence of the DNA ligase-encoding gene from <i>thermus scotoductus</i> and conserved motifs in DNA ligases. <i>Gene</i> . 151:177-180 (1995)	
/SCI/	F329	Kabanov et al. A new class of antivirals: antisense oligonucleotides combined with a hydrophobic substituent effectively inhibit influenza virus reproduction and synthesis of virus-specific proteins in MDCK cells. <i>FEBS Lett</i> . 259(2):327-330 (1990)	

Examiner Signature: /Suryaprabha Chunduru/

Date Considered: 07/05/2007

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE STATEMENT LIST (Use as many sheets as necessary)		Complete if Known	
		Application Number	10/072,666
		Filing Date	February 8, 2002
		First Named Inventor	Kumar, G.
		Group Art Unit	1637
		Examiner Name	Chunduru, S.
/SC/	F330	Kalin et al. Evaluation of the ligase chain reaction (LCR) for the detection of point mutations. <i>Mutation Research</i> . 283(2):119-123 (1992)	
	F331	Kanaya et al. Template-Directed Polymerization of Oligoadenylates Using Cyanogen Bromide. <i>Biochemistry</i> . 25:7423-7430 (1986)	
	F332	Kaplan et al. Rapid photolytic release of adenosine 5'-triphosphate from a protected analogue: utilization by the Na:K pump of human red blood cell ghosts. <i>Biochem</i> . 17:1929-1935 (1978)	
	F333	Kellogg et al. TaqStart Antibody™: "Hot Start" PCR facilitated by a neutralizing monoclonal antibody directed against Taq DNA polymerase. <i>BioTechniques</i> . 16(6):1134-1137 (1994)	
	F334	Kessler. The digoxigenin: anti-dioxigenin (DIG) technology - a survey on the concept and realization of a novel bioanalytical indicator system. <i>Mol Cell Probes</i> . 5:161-205 (1991)	
	F335	Kimpton et al. Automated DNA profiling employing multiplex amplification of short tandem repeat loci. <i>PCR Methods and Applications</i> . 3(1):13-22 (1993)	
	F336	King et al., Bridging the gap. Joining of nonhomologous ends by DNA polymerases. <i>Journal of Biological Chemistry</i> . 269(18):13061-13064 (1994)	
	F337	Kinoshita et al. Strand Ligation in a double-stranded DNA by T4 RNA Ligase. <i>Chemistry Letters</i> . 797-798 (1996)	
	F338	Kool. Circular oligonucleotides: new concepts in oligonucleotide design. <i>Annual Rev Biomol Struct</i> . 25:1-28 (1996)	
	F339	Kricka. Ultrasensitive immunoassay techniques. <i>Clin Biochem</i> . 26(5):325-331 (1993)	
	F340	Kunkel et al. Rapid and efficient site-specific mutagenesis without phenotypic selection. <i>Methods in Enzymology</i> . 154:367-382 (1987)	
	F341	Kwoh et al. Transcription-based amplification system and detection of amplified human immunodeficiency virus type 1 with a bead-based sandwich hybridization format. <i>Proc. Natl. Acad. Sci. USA</i> 86:1173-1177 (1989)	
	F342	Lamture et al. Direct detection of nucleic acid hybridization on the surface of a charge coupled device. <i>Nucleic Acids Research</i> . 22(11):2121-2125 (1994)	
	F343	Landegren et al. A ligase-mediated gene detection technique. <i>Science</i> . 241:1077-1080 (1988)	
	F344	Landegren. Molecular mechanics of nucleic acid sequence amplification. <i>Trends Genetics</i> . 9(6):199-202 (1993)	
	F345	Lawyer et al. High-level expression, purification, and enzymatic characterization of full-length <i>thermus aquaticus</i> DNA polymerase and a truncated form deficient in 5' to 3' exonuclease activity. <i>PCR Methods Applications</i> . 2(4):275-287 (1993)	
	F346	LeFrere et al. Towards a new predictor of AIDS progression through the quantitation of HIV-1 DNA copies by PCR in HIV-infected individuals. <i>British Journal of Haematology</i> . 82(2):467-471 (1992)	
	F347	Letsinger et al. Cholesteryl-conjugated oligonucleotides: synthesis, properties, and activity as inhibitors of replication of human immunodeficiency virus in cell culture. <i>Proc Natl Acad Sci USA</i> . 86:6553-6556 (1989)	
	F348	Letsinger et al. Synthesis of thymidine oligonucleotides by phosphite triester intermediates. <i>J Am Chem Soc</i> . 98(12):3655-3661 (June 9, 1976)	
/SC/	F349	Lichter et al. High-resolution mapping of human chromosome 11 by in situ hybridization with cosmid clones. <i>Science</i> . 247:64-69 (1990)	

Examiner Signature: /Suryapraba Chunduru/ Date Considered: 07/05/2007

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE STATEMENT LIST (Use as many sheets as necessary)			Complete if Known	
			Application Number	
			10/072,666	
			Filing Date	
			February 8, 2002	
			First Named Inventor	
Kumar, G.				
Group Art Unit				
1637				
Examiner Name				
Chunduru, S.				
/SC/	F350	Little, Strand Displacement Amplification and Homogeneous Real-Time Detection Incorporated in a Second-Generation DNA Probe System, BDProbeTecET. <i>Clin. Chem.</i> 45:777-784 (1999)		
	F351	Liu et al. Rolling Circle DNA Synthesis: Small Circular Oligonucleotides as Efficient Templates for DNA Polymerases. <i>J. Am. Chem. Soc.</i> 118:1587-1594 (1996)		
	F352	Lizardi et al. Cascade rolling circle amplification, a homogeneous fluorescence detection system for DNA diagnostics. <i>Clinical Chemistry</i> 43(11):2219-2220 (1997)		
	F353	Lockhart et al. Expression monitoring by hybridization to high-density oligonucleotide arrays. <i>Nature Biotechnology</i> . 14:1675-1680. (1996)		
	F354	Lu et al. High concentration of peripheral blood mononuclear cells harboring infectious virus correlates with rapid progression of human immunodeficiency virus Type 1-related diseases. <i>JID</i> 168(5):1165-1168 (1993)		
	F355	Lukyanov et al. Molecule by molecule PCR amplification of complex DNA mixtures for direct sequencing: an approach to in vitro cloning. <i>Nucleic Acids Research</i> . 24(11):2194-2195 (1996)		
	F356	Luo et al. Improving the fidelity of <i>thermus thermophilus</i> DNA ligase. <i>Nucl Acids Res.</i> 24(14):3071-3078 (1996)		
	F357	Lyons et al. Immunosuppressant FK506 promotes neurite outgrowth in cultures of PC12 cells and sensory ganglia. <i>Proc Natl Acad Sci U S A.</i> 91(8):3191-3195 (1994)		
	F358	Manoharan et al. Chemical modifications to improve uptake and bioavailability of antisense oligonucleotides. <i>Ann NY Acad Sci.</i> 660:306-309 (1992)		
	F359	Manoharan et al. Cholic acid-oligonucleotide conjugates for antisense applications. <i>Bioorg Med Chem Let.</i> 4(8):1053-1060 (1994)		
	F360	Manoharan et al. Introduction of a lipophilic thioether tether in the minor groove of nucleic acids for antisense applications. <i>Bioorg Med Chem Let.</i> 3(12):2765-2770 (1993)		
	F361	Manoharan et al. Lipidic nucleic acids. <i>Tetra Lett.</i> 36(21):3651-3654 (1995)		
	F362	Manoharan et al. Oligonucleotide conjugates: alteration of the pharmacokinetic properties of antisense agents. <i>Nucleosides & Nucleotides</i> . 14:969-973 (1995)		
	F363	Marshall et al. A biopolymer by any other name would bind as well: a comparison of the ligand-binding pockets of nucleic acids and proteins. <i>Structure</i> . 5(6):729-734. (1997)		
	F364	Marshall et al. Detection of HCV RNA by the asymmetric gap ligase chain reaction. <i>PCR Methods and Applications</i> . 4:80-84 (1994)		
	F365	Maskos et al. Oligonucleotide hybridizations on glass supports: a novel linker for oligonucleotide synthesized in situ. <i>Nucleic Acids Research</i> . 20(7):1679-1684 (1992)		
	F366	McCray et al. A new approach to time-resolved studies of ATP-requiring biological systems: laser flash photolysis of caged ATP. <i>Proc Natl Acad Sci USA.</i> 77(12):7237-7241 (1980)		
	F367	Melton et al. Efficient <i>in vitro</i> synthesis of biologically active RNA and RNA hybridization probes from plasmids containing a bacteriophage SP6 promoter. <i>Nucleic Acids Research</i> . 12(18):7035-7056 (1984)		
	F368	Mendoza et al. High-Throughput Microarray-Based Enzyme-Linked Immunosorbent Assay (ELISA). <i>BioTechniques</i> . Vol. 27(4):778-788 (1999)		
/SC/	F369	Metzker et al. Termination of DNA synthesis by novel 3'-modified-deoxyribonucleoside 5'-triphosphates. <i>Nucleic Acids Research</i> . 22(20):4259-4267 (1994)		

Examiner Signature: /Suryaprabha Chunduru/ Date Considered: 07/05/2007

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE STATEMENT LIST (Use as many sheets as necessary)		Complete if Known	
		Application Number	10/072,666
		Filing Date	February 8, 2002
		First Named Inventor	Kumar, G.
		Group Art Unit	1637
		Examiner Name	Chunduru, S.
/SC/	F370	Nallur et al., Signal amplification by rolling circle amplification on DNA microarrays. <i>Nucl. Acids Res.</i> 29:E118 (2001)	
	F371	Navarro et al. A general strategy for cloning viroids and other small circular RNAs that uses minimal amounts of template and does not require prior knowledge of its sequence. <i>J Virol Meth.</i> 56:59-66 (1996)	
	F372	Nazerenko et al. A closed tube format for amplification and detection of DNA based on energy transfer. <i>Nucl. Acids Res.</i> 25:2516-2521 (June 1997)	
	F373	Newton et al. Analysis of any point mutation in DNA. The amplification refractory mutation system (ARMS). <i>Nucl. Acids Res.</i> 17(7):2503-2516 (1989)	
	F374	Nichols et al. A universal nucleoside for use at ambiguous sites in DNA primers. <i>Nature.</i> 369(6480):492-493 (1994)	
	F375	Nielsen et al. Peptide nucleic acids (PNAs): potential anti-sense and anti-gene agents. <i>Anti-Cancer Drug Design.</i> 8:53-63 (1993)	
	F376	Nikiforov et al. Genetic bit analysis: a solid phase method for typing single nucleotide polymorphisms. <i>Nucleic Acids Research.</i> 22(20):4167-4175 (1994)	
	F377	Nikiforov et al. The use of phosphorothioate primers and exonuclease hydrolysis for the preparation of single-stranded PCR products and their detection by solid-phase hybridization. <i>PCR Methods and Applications.</i> 3:285-291 (1994)	
	F378	Nilsson et al. Padlock probes reveal single-nucleotide differences, parent of origin and in situ distribution of centromeric sequences in human chromosomes 13 and 21. <i>Nature Genet.</i> 16:252-255 (1997)	
	F379	Nilsson et al. Padlock probes: circularizing oligonucleotides for localized DNA detection. <i>Science.</i> 265:2085-2088 (1994)	
	F380	Nilsson et al. Real-time monitoring of rolling-circle amplification using a modified molecular beacon design. <i>Nucleic Acids Res.</i> 30(14):e66 (2002)	
	F381	Oberhauser et al. Effective incorporation of 2'-o-methyl-oligonucleotides into liposomes and enhanced cell association through modification with thiocholesterol. <i>Nucl. Acids Res.</i> 20(3):533-538 (1992)	
	F382	Ørum et al. Single base pair mutation analysis by PNA directed PCR clamping. <i>Nucleic Acids Research.</i> 21(23):5332-5336 (1993)	
	F383	Panasenko et al. A simple, three-step procedure for the large scale purification of DNA ligase from a hybrid λ lysogen construction in vitro. <i>Journal Biological Chemistry.</i> 253(13):4590-4592 (1978)	
	F384	Parker et al. Targeted gene walking polymerase chain reaction. <i>Nucl. Acids Res.</i> 19:3055-3060 (1991)	
	F385	Piatak et al. High levels of HIV-1 in plasma during all stages of infection determined by competitive PCR. <i>Science.</i> 259:1749-1754 (1993)	
	F386	Pillai. Photoremovable protecting groups in organic synthesis. <i>Synthesis.</i> 1-26 (1980)	
↓ /SC/	F387	Pokrovskaya et al. <i>In vitro</i> transcription: preparative RNA yields in analytical scale reactions. <i>Analytical Biochemistry.</i> 220:420-423 (1994)	

Examiner Signature: /Suryaprabha Chunduru/	Date Considered: 07/05/2007
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

INFORMATION DISCLOSURE STATEMENT LIST (Use as many sheets as necessary)			Complete If Known	
			Application Number	10/072,666
			Filing Date	February 8, 2002
			First Named Inventor	Kumar, G.
			Group Art Unit	1637
			Examiner Name	Chunduru, S.
/SC/	F388	Porstmann et al. Quantitation of 5-bromo-2-deoxyuridine incorporation into DNA: an enzyme immunoassay for the assessment of the lymphoid cell proliferative response. <i>J Immunol Meth.</i> 82:169-179 (1985)		
	F389	Prakash et al. Molecular Recognition by Circular Oligonucleotides. Strong Binding of Single-Stranded DNA and RNA. <i>J Chem Soc, Chem Commun.</i> 1161-1163 (1991)		
	F390	Prakash et al. Structural effects in the recognition of DNA by circular oligonucleotides. <i>J Amer Chem Soc.</i> 114:3523-3527 (1992)		
	F391	Prober et al. A system for rapid DNA sequencing with fluorescent chain-terminating dideoxynucleotides. <i>Science.</i> 238:336-341 (1987)		
	F392	<i>Protein immobilization: fundamentals and applications</i> , Richard F. Taylor, ed. (M. Dekker, New York, 1991)		
	F393	Ramsing et al. Helix-coil transition of parallel-stranded DNA. Thermodynamics of hairpin and linear duplex oligonucleotides. <i>Biochem.</i> 28:9528-9535 (1989)		
	F394	Reese et al. The H-phosphonate approach to the solution phase synthesis of linear and cyclic oligoribonucleotides. <i>Nucleic Acids Research.</i> 27(4):963-971 (1999)		
	F395	Richards et al. Conditional mutator phenotypes in hMSH2-deficient tumor cell lines. <i>Science.</i> 277:1523-1526 (1997)		
	F396	Ried et al. Simultaneous visualization of seven different DNA probes by in situ hybridization using combinational fluorescence and digital imaging microscopy. <i>Proc Natl Acad Sci USA.</i> 89(4):1388-1392 (1992)		
	F397	Rossi et al. Functional characterization of the T4DNA ligase: a new insight into the mechanism of action. <i>Nucleic Acids Res.</i> 25(11):2106-2113 (1997)		
	F398	Rubin et al. Convergent DNA synthesis: a non-enzymatic diverzation approach to circular oligodeoxynucleotides. <i>Nucleic Acids Res.</i> 23(17):3547-3553 (1995)		
	F399	Rys et al. Preventing false positives: quantitative evaluation of three protocols for inactivation of polymerase chain reaction amplification products. <i>Journal of Clinical Microbiology.</i> 31(9):2356-2360 (1993)		
	F400	Saiki et al. Enzymatic Amplifications of β -Globin Genomic Sequences and Restriction Site Analysis for Diagnosis of Sickle Cell Anemia. <i>Science</i> 230:1350-1354 (1985)		
	F401	Saiki et al. Primer-Directed Enzymatic Amplification of DNA with a Thermostable DNA Polymerase. <i>Science</i> 239:487-491 (January 29, 1988)		
	F402	Saison-Behmoaras et al. Short modified antisense oligonucleotides directed against Ha-ras point mutation induce selective cleavage of the mRNA and inhibit T24 cells proliferation. <i>EMBO J.</i> 10(5):1111-1118 (1991)		
	F403	Saksela et al. Human immunodeficiency virus type 1 mRNA expression in peripheral blood cells predicts disease progression independently of the numbers of CD4+ lymphocytes. <i>Proc Natl Acad Sci USA.</i> 91(3):1104-1108 (1994)		
	F404	Saris et al. Blotting of RNA onto ion exchange paper allowing subsequent characterization by in situ translation in addition to blot hybridization. <i>Nucleic Acids Res.</i> 10(16):4831-4843 (1982)		
/SC/	F405	Schena et al. DNA Microarrays: A Practical Approach. (Oxford University Press, New York, 1999) 1-16.		

Examiner Signature: /Suryaprabha Chunduru/ Date Considered: 07/05/2007

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE STATEMENT LIST (Use as many sheets as necessary)		Complete if Known	
		Application Number	10/072,666
		Filing Date	February 8, 2002
		First Named Inventor	Kumar, G.
		Group Art Unit	1637
		Examiner Name	Chunduru, S.
/SC/	F406	Schena et al. Parallel human genome analysis: microarray-based expression monitoring of 1000 genes. <i>Proc Natl Acad Sci USA</i> . 93:10614-10619 (1994)	
	F407	Schena et al. Quantitative monitoring of gene expression patterns with a complementary DNA microarray. <i>Science</i> . 270:467-470 (1995)	
	F408	Schenborn et al. A novel transcription property of SP6 and T7 RNA polymerases: dependence on template structure. <i>Nucleic Acids Research</i> . 13(17):6223-6236 (1985)	
	F409	Schenk et al. The accessibility of thiophosphorylated groups in DNA fragments to the enzymatic activity of ligases and restriction endonuclease Bbs 1. <i>Biochem Mol Biol Int</i> . 36(5):1037-1043 (1995) ABSTRACT	
	F410	Schwarz et al. Improved yields of long PCR products using gene 32 protein. <i>Nucl Acids Res</i> . 18(4):1079 (1990)	
	F411	Schweitzer and Kingsmore. Combining nucleic acid amplification and detection. <i>Curr. Opin. Biotech</i> . 12(1):21-27 (February 2001)	
	F412	Shea et al. Synthesis, hybridization properties and antiviral activity of lipid-oligodeoxynucleotide conjugates. <i>Nucl Acids Res</i> . 18(13):3777-3783 (1990)	
	F413	Shumaker et al. Mutation detection by solid phase primer extension. <i>Human Mutation</i> . 7(4):346-354 (1996)	
	F414	Silzel et al. Mass-sensing, Multianalyte Microarray Immunoassay with Imaging Detection. <i>Clin. Chem</i> . 44: 2036-2043 (1998)	
	F415	Simpson. The natural somatic mutation frequency and human carcinogenesis. <i>Adv Cancer Res</i> . 71:209-240 (1997)	
	F416	Skerra. Phosphorothioate primers improve the amplification of DNA sequences by DNA polymerases with proofreading activity. <i>Nucleic Acids Res</i> . 20(14):3551-3554 (1992)	
	F417	Stratagene Catalog, page 39 (1988)	
	F418	Stratagene Catalog, page 76 (1992)	
	F419	Strauss et al. Quantitative measurement of calretinin and β -actin mRNA in rat brain micropunches without prior isolation of RNA. <i>Mol Brain Res</i> . 20:229-239 (1993)	
	F420	Strong et al. Marked improvement of PAC and BAC cloning is achieved using electroelution of pulsed-field gel-separated partial digests of genomic DNA. <i>Nucleic Acids Res</i> . 25(19):3959-3961 (1997)	
	F421	Studier et al. Use of T7 RNA polymerase to direct expression of cloned genes. <i>Methods in Enzymology</i> . 185:60-89 (1990)	
	F422	Stump et al., The use of modified primers to eliminate cycle sequencing artifacts. <i>Nucl. Acids Res</i> . 27:4642-4648 (1999)	
	F423	Svinarchuk et al. Inhibition of HIV proliferation in MT-4 cells by antisense oligonucleotide conjugated to lipophilic groups. <i>Biochimie</i> . 75:49-54 (1993)	
	F424	Svyanen et al. Fast quantification of nucleic acid hybrids by affinity-based hybrid collection. <i>Nucleic Acids Research</i> . 14(12):5037-5048 (1986)	
↓	F425	Tabor et al. Selective inactivation of the exonuclease activity of bacteriophage T7 DNA polymerase by <i>in Vitro</i> Mutagenesis. <i>J Biol Chem</i> . 264(11):6447-6458 (1989)	
/SC/	F426	Tabor et al. Selective oxidation of the exonuclease domain of bacteriophage T7 DNA polymerase. <i>J Biol Chem</i> . 262:15330-15333 (1987)	

Examiner Signature: /Suryaprabha Chunduru/ Date Considered: 07/05/2007

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE STATEMENT LIST (Use as many sheets as necessary)		Complete if Known	
		Application Number	10/072,666
		Filing Date	February 8, 2002
		First Named Inventor	Kumar, G.
		Group Art Unit	1637
		Examiner Name	Chunduru, S.
/SCI/	F427	Thelwell et al. Mode of action and application of Scorpion primers to mutation detection. <i>Nucl. Acids Res.</i> 28(19):3752-3761 (2000)	
	F428	Thomas et al. Cascade rolling circle amplification, a homogenous fluorescence detection system for DNA diagnostics. <i>Clin Chem.</i> 43:2219, Abs. 38 (1997)	
	F429	Thorbjarnardottir et al. Cloning and sequence analysis of the DNA ligase-encoding gene of <i>Rhodothermus marinus</i> , and overproduction, purification and characterization of two thermophilic DNA ligases. <i>Gene</i> 161:1-6 (1995)	
	F430	Tyagi et al. Extremely sensitive, background-free gene detection using binary probes and Q β replicase. <i>Proc. Natl. Acad. Sci. USA</i> 93:5395-5400 (1996)	
	F431	Uemori et al. Cloning of the DNA polymerase gene of <i>Bacillus caldotenax</i> and characterization of the gene product. <i>J. Biochem.</i> 113(3):401-410 (March 1993)	
	F432	Unrau et al. Non-cloning amplification of specific DNA fragments from whole genomic DNA digests using DNA 'indexers'. <i>Gene</i> . 145(2):163-169 (1994)	
	F433	Velculescu et al. Serial analysis of gene expression. <i>Science</i> . 270:484-487 (1995)	
	F434	Vogelstein et al. Supercoiled loops and eucaryotic DNA replication. <i>Cell</i> . 22:79-85 (1980)	
	F435	Voisey et al. Interrogation of multimeric DNA amplification products by competitive primer extension using bst DNA polymerase (large fragment). <i>Biotechniques</i> . 31(5):1122-1129 (2001)	
	F436	Walker et al. Isothermal in vitro amplification of DNA by a restriction enzyme/DNA polymerase system. <i>Proc Natl Acad Sci USA</i> . 89:392-396 (1992)	
	F437	Walker et al. Strand displacement amplification - an isothermal, <i>in vitro</i> DNA amplification technique. <i>Nucleic Acids Research</i> . 20(7):1691-1696 (1992)	
	F438	Walter et al. Strand displacement amplification as an <i>in vitro</i> model for rolling-circle replication: deletion formation and evolution during serial transfer. <i>Proc Natl Acad Sci USA</i> . 91:7937-7941 (1994)	
	F439	Wang et al. Circular RNA oligonucleotides. Synthesis, nucleic acid binding properties, and a comparison with circular DNAs. <i>Nucl. Acids Res.</i> 22(12):2326-2333 (1994)	
	F440	Welford et al. Detection of differentially expressed genes in primary tumor tissues using representational differences analysis coupled to microarray hybridization. <i>Nucleic Acids Res.</i> 26(12):3059-3065 (1998)	
	F441	Wemmer et al. Preparation and melting of single strand circular DNA loops. <i>Nucleic Acids Res.</i> 13(23):8611-8621 (1985)	
	F442	White et al. Concatemer chain reaction: a Taq DNA polymerase-mediated mechanism for generating long tandemly repetitive DNA sequences. <i>Anal Biochem</i> . 199(2):184-190 (1991)	
	F443	Wiedmann et al. Ligase chain reaction (LCR) - overview and applications. <i>PCR Methods and Applications</i> . (Cold Spring Harbor Laboratory Press, Cold Spring Harbor, NY, 1994) [pages S51-S64]	
	F444	Wilson et al. Enzyme complex amplification-a signal amplification method for use in enzyme immunoassays. <i>Anal Biochem</i> . 209(1):183-187 (1993)	
	F445	Winn-Deen et al. Non-radioactive detection of mycobacterium tuberculosis LCR products in a microtitre plate format. <i>Molecular and Cellular Probes</i> . (England) 7(3):179-186 (1993)	
/SCI/	F446	Xu et al. Nonenzymatic autoligation in direct three-color detection of RNA and DNA point mutations. <i>Nature Biotechnology</i> . 19:148-152 (2001)	

Examiner Signature: /Suryaprabha Chunduru/	Date Considered: 07/05/2007
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

ATTORNEY DOCKET NO. 13172.0015U1
 APPLICATION NO. 10/072,666
 SHEET 17 OF 17

INFORMATION DISCLOSURE STATEMENT LIST (Use as many sheets as necessary)			Complete if Known	
			Application Number	10/072,666
/SC/	F447	Yang et al. Combining SSH and cDNA microarrays for rapid identification of differentially expressed genes. <i>Nucleic Acids Res.</i> 27(6):1517-1523 (1999)	Filing Date	February 8, 2002
	F448	Young et al. Quantitative analysis of solution hybridization. <i>Nucleic Acid Hybridisation: A Practical Approach.</i> (IRL Press, 1985) pages 47-71	First Named Inventor	Kumar, G.
	F449	Zehavi et al. Light sensitive glycosides. II. 2-Nitrobenzyl 6-Deoxy- α -L-mannopyranoside and 2-Nitrobenzyl 6-Deoxy- β -L-galactopyranoside. <i>J Organic Chem.</i> 37(14):2285-2285 (1972)	Group Art Unit	1637
	F450	Zehavi et al. Light-Sensitive Glycosides. I. 6-nitroveratryl β -D-glucopyranoside and 2-nitrobenzyl β -D-glucopyranoside. <i>J Organic Chem.</i> 37(14):2281-2285 (1972)	Examiner Name	Chunduru, S.
	F451	Zhang et al. Amplification of target-specific, ligation-dependent circular probe. <i>Gene</i> 211:277-285 (1990)		
	F452	Zhang et al. Whole genome amplification from a single cell: Implications for genetic analysis. <i>Proc. Natl. Acad. Sci. USA</i> 89:5847-5851 (July 1992)		
↓/SC/	F453	Zhu et al. Global Analysis of Protein Activities Using Proteome Chips. <i>Science</i> 293(5537):2101-2105 (2001)		

Examiner Signature: /Suryaprabha Chunduru/	Date Considered: 07/05/2007
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	